AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-64. Cancel.

65. (Currently Amended) A system for treating the heart, comprising:

a cardiac harness configured to conform generally to at least a portion of a human heart;

the cardiac harness formed of undulating strands of hinge elements;

~~at least some of the~~ a first set of undulating strands forming an electrode and a second set of undulating strands having a dielectric coating and being electrically insulated from the first set of undulating strands; and

a power source for providing electrical energy to the electrode.

66. (Currently Amended) The system of claim 65, wherein the ~~at least some of the~~ first set of undulating strands forming the electrode are formed from a metallic alloy.

67. (Currently Amended) The system of claim 66, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

68. (Currently Amended) The system of claim 65, wherein the first set and the second set of undulating strands are compressible for minimally invasive delivery of the cardiac harness.

69. (Cancel)

70. (Currently Amended) The system of claim [[69]] 65, wherein the ~~electrical insulation~~ dielectric coating is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

71. (Currently Amended) The system of claim 65, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

72. (Currently Amended) The system of claim 65, wherein the electrode is configured to provide pacing therapy.

73. (Currently Amended) The system of claim 65, wherein the electrode is configured to provide pacing and sensing therapy.

74. (Currently Amended) A system for treating the heart, comprising:

a cardiac harness formed of rows of hinge elements, the rows configured to cover at least a portion of the heart;

at least ~~some of the rows~~ one row forming an electrode; ~~and~~

a plurality of rows having a coating of a dielectric material and being electrically insulated from the electrode; and

a power source for providing electrical energy to the electrode.

75. (Currently Amended) The system of claim 74, wherein the at least ~~some of the rows~~ one row forming the electrode [[are]] is formed from a metallic alloy.

76. (Currently Amended) The system of claim 75, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

77. (Currently Amended) The system of claim 74, wherein the rows are compressible for minimally invasive delivery of the cardiac harness.

78. (Cancel)

79. (Currently Amended) The system of claim [[78]] 74, wherein the ~~electrical insulation~~ dielectric material is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

80. (Currently Amended) The system of claim 74, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

81. (Currently Amended) The system of claim 74, wherein the electrode is configured to provide pacing therapy.

82. (Currently Amended) The system of claim 74, wherein the electrode is configured to provide pacing and sensing therapy.

83. (Currently Amended) A system for treating the heart, comprising:

a cardiac harness formed of rows of hinge elements configured to conform generally to at least a portion of a human heart;

the cardiac harness having a conducting portion and a non-conducting portion wherein the non-conducting portion is coated with a dielectric material and is electrically insulated from the conducting portion; and

a power source for providing electrical energy to the conducting portion.

84. (Currently Amended) The system of claim 83, wherein the conducting portion comprises an electrode.

85. (Currently Amended) The system of claim 84, wherein the electrode is formed from a metallic alloy.

86. (Currently Amended) The system of claim 85, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

87. (Currently Amended) The system of claim 84, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

88. (Currently Amended) The system of claim 84, wherein the electrode is configured to provide pacing therapy.

89. (Currently Amended) The system of claim 84, wherein the electrode is configured to provide pacing and sensing therapy.

90. (Currently Amended) The system of claim 83, wherein the conducting portion and the non-conducting portion are compressible for minimally invasive delivery of the cardiac harness.

91. (Cancel)

92. (Currently Amended) The system of claim [[91]] 83, wherein the electrical insulation is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

93. (Currently Amended) A system for treating the heart, comprising:

a cardiac harness configured to conform generally to at least a portion of a human heart;

the cardiac harness formed of rows of first hinge elements and second hinge elements;

~~at least some of~~ the first hinge elements forming an electrode and the second hinge elements being coated with a dielectric material and being electrically insulated from the first hinge elements; and

a power source for providing electrical energy to the electrode.

94. (Currently Amended) The system of claim 93, wherein the ~~at least some of the~~ first hinge elements forming the electrode are formed from a metallic alloy.

95. (Currently Amended) The system of claim 94, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

96. (Currently Amended) The system of claim 93, wherein the first and second hinge elements are compressible for minimally invasive delivery of the cardiac harness.

97. (Cancel)

98. (Currently Amended) The system of claim [[97]] 93, wherein the ~~electrical insulation~~ dielectric material is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

99. (Currently Amended) The system of claim 93, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

100. (Currently Amended) The system of claim 93, wherein the electrode is configured to provide pacing therapy.

101. (Currently Amended) The system of claim 93, wherein the electrode is configured to provide pacing and sensing therapy.

102. (New) A system for treating the heart, comprising:

a cardiac harness configured to conform generally to at least a portion of a human heart;

the cardiac harness formed of at least one first strand of non-overlapping undulating hinge elements and a plurality of second strands of non-overlapping undulating hinge elements;

the at least one first strand of undulating hinge elements forming an electrode;

the at least one first strand of undulating hinge elements and the plurality of second strands of undulating hinge elements having high fatigue resistance and the same compliance; and

a power source for providing electrical energy to the electrode.

103. (New) The system of claim 102, wherein the plurality of second strands of undulating hinge elements being coated with a dielectric material and being electrically insulated from the electrode.

104. (New) The system of claim 102, wherein the at least one first strand of undulating hinge elements and the plurality of second strands of undulating hinge elements are formed from a metal alloy taken from the group of metal alloys consisting of nickel-titanium (NiTi), nickel-titanium-vanadium (NiTiVa), superelastic alloys and shape memory alloys.

105. (New) The system of claim 102, wherein the electrode is connected to an adjacent second strand of undulating hinge elements by an electrically non-conductive dielectric material.